

Superior LineSupply (75 W) Fibra

Module for additional power supply of Fibra devices

Compatibility	Control panels Hub Hybrid (2G) Hub Hybrid (4G)
Communication	Fibra communication technology Proprietary wired communication technology combines the reliability of wires with the freedom of radio connection. Key features: • Two-way communication. • Advanced anti-sabotage. • Block encryption featuring a dynamic key. • Instant notifications. • Remote configuration in the Ajax apps. Line connection 4-core cable Connection to any point of the Fibra line Superior LineSupply (75 W) can be installed after a hub, detector, keypad, siren, or another Superior LineSupply. The module provides additional power to Fibra devices installed between the Superior LineSupply (75 W) and the end of the line. Wired connection range • between the module and the hub – up to 2,000 m; 6,500 ft; • between the module and the last Fibra device on the line – up to 2,000 m. 6,500 ft. The maximum line length is relevant when using the U/UTP cat.5 twisted pair. Encrypted communication All stored and transmitted data are protected by block encryption featuring a dynamic key.
Line connection	Number of input lines 1 Superior LineSupply (75 W) can be connected after any Fibra device. Number of output lines 2

	Fibra devices with a total power consumption of up to 15 W can be connected to the output line. Superior LineSupply (45 W) Fibra version is also available, featuring less output power and one output lines instead of two. Cable length up to 2,000 m up to 6,500 ft For the output line between the module and the last Fibra device on the line when using U/UTP cat.5 twisted pair. Galvanic isolation Ensures that devices connected between the Superior LineSupply (75 W) and the end of the line do not consume power from the hub.
Power supply	Main 100–240 V~, 50/60 Hz Backup 12 V= battery with a capacity from 7 to 18 Ah Not included. When the main power is available, the backup battery is charged from the mains. Power output • of the output line – 30 W; • to charge the backup battery – 15 W.
Recommendations	Power supply 100–240 V~. The device is designed for indoor use only. Installation in Case (260×210×93) or Case (430×400×133) is recommended. The casing is sold separately.
Sabotage protection	Tamper alarm Superior LineSupply (75 W) has a connector to fasten the tamper board to the module. The tamper board is in Case that is sold separately. Protection against short circuit on the line Protection against overvoltage on the Fibra signal lines The module protects devices when voltage is applied to the signal terminals A, B. Protection against spoofing device authentication Communication loss detection after 36 s Between the hub and Superior LineSupply (75 W). It can be changed in hub settings.

Enclosure	Dimensions 160 × 85 × 53 mm 6.3" × 3.35" × 2.09" Weight 456 g 16.05 oz Operating temperature range from −10 °C to +40 °C from 14 °F to 104 °F Operating humidity up to 75% Electric shock protection Class III
Complete set	Superior LineSupply (75 W) Fibra Power supply cable Battery connection cable Terminal adapter – 2 pcs. Quick start guide
Warranty	24 months